

CLAIMS

What is claimed is:

1. A reciprocating power saw having a housing (1), a motor-driven reciprocating stroke bar (2) with a tool receptacle (3) arranged at a free end of the stroke bar (2), and a bearing means (4) bearing the stroke bar (2) in a tool-side end zone of the housing (1) axially displaceable and pivotable, wherein the bearing means (4) has a guide part (5) with a bearing passage (6) for receiving the stroke bar (2), and wherein the bearing means (4) is mounted in a receiving passage (7) in the housing (1) by an elastic secondary bearing element (8).
2. A reciprocating power saw of claim 1, wherein the secondary bearing element (8) is made at least in part of an elastic material.
3. The reciprocating power saw of claim 1, wherein the receiving passage (7) has a peripheral bearing groove (11) on an inside periphery for receiving the secondary bearing element (8).
4. The reciprocating power saw of claim 1, wherein the guide part (5) has a peripheral counter bearing groove (12) on an external periphery for receiving the secondary bearing element (8).
5. The reciprocating power saw of claim 4, wherein, the secondary bearing element (8) has a rounded cross-section transverse to a longitudinal sense (L) of the stroke bar (2).
6. The reciprocating power saw of claim 5, wherein the secondary bearing element (8) and the bearing groove (11) and counter bearing groove (12) receiving the bearing element (8) are all circular.
7. The reciprocating power saw of claim 6, wherein the secondary bearing element (8) is an O-ring.
8. The reciprocating power saw of Claim 6, wherein the receiving passage (7) has an insertion slot (13) at one axial end with an inside diameter that is larger than the outside diameter of the tool-side axial end of the guide part (5) and at least zonally smaller than the outside diameter of the secondary bearing element (8).
9. The reciprocating power saw of claim 8, wherein the bearing means (4) has a seal (9) that is mounted in the bearing passage (6) and seals the bearing passage (6) relative to the stroke rod (2).

10. The reciprocating power saw of claim 9, wherein the bearing passage (6) has at a peripheral running groove (14) at an inside periphery for receiving the seal (9).
11. The reciprocating power saw of claim 10, wherein the seal (9) and the groove (14) are ring-shaped.